

Project Description and Assurances Document (PDAD)

Project title: Smart Manhole and Vault Monitoring Project (MVMP)

Applicant Name: Florida Power & Light

Applicant Address: 700 Universe Blvd. Juno Beach, FL 33408

Names of all team member organizations (if applicable):

- Florida Power & Light
- Eaton
- CNIGuard
- Sentient Energy
- Florida International University (FIU)

Principal Investigator (Name, Address if different than Applicant's, Phone Number, E-mail):

Rick Teigland

1177 North Lime Avenue, Sarasota, Florida 34237

rick.teigland@fpl.com

941-316-6298

Business Point of Contact (Name, Address if different than Applicant's, Phone Number, E-mail):

Ron Critelli

15430 Endeavor Drive, Jupiter West, Florida 33478

ron.critelli@fpl.com

561-904-3473

Include any statements regarding confidentiality

Not applicable

Federal Share: \$30,363,088

Cost Share: \$36,738,088

Total Estimated Project Cost: \$67,101,176

Item 1: Specify (mark with "X") the FOA Topic Area and as applicable the Area of Interest (AOI):

_____ Topic Area 1: **Grid Resilience Grants** (BIL section 40101(c))

_____ ☒ Topic Area 2: **Smart Grid Grants** (BIL section 40107)

_____ Topic Area 3: **Grid Innovation Program** (BIL section 40103(b)) – Area of Interest 1
(Transmission System Applications)

_____ Topic Area 3: **Grid Innovation Program** (BIL section 40103(b)) – Area of Interest 2
(Distribution System Applications)

_____ Topic Area 3: **Grid Innovation Program** (BIL section 40103(b)) – Area of Interest 3
(Combination System Applications)

TOPIC AREA 1 Specific Items:

Item 2: Specify (mark with “X”) the entity type of the applicant organization:

- _____ electric grid operator
_____ electricity storage operator
_____ electricity generator
_____ transmission owner or operator
_____ distribution provider
_____ fuel supplier

If further description is needed for the specified entity type, please provide below:

N/A

Item 3: Please provide the total amount (USD) of qualifying resilience investments (as outlined in DE-FOA-00002740) that has been spent for the previous 3 years. Please also provide the time period utilized for calculation of this amount.

Total Amount: N/A

Time Period for Resilience Investments: N/A

Note: Topic Area 1 applicants must submit as part of their application, a report detailing past, current, and future efforts by the eligible entity to reduce the likelihood and consequences of disruptive events. This report should include efforts over at least the previous 3 years and at least the next 3 years and any broader resilience strategy used by the applicant.

Item 4: Is the eligible entity a Small Utility as defined in DE-FOA-0002740 (sells no more than 4,000,000 MWh of electricity per year)? If NO is selected, skip to Item 7.

- _____ Yes
_____ No

Note: If YES, applicant must provide their Form 861 for the last reporting year submitted to the Energy Information Administration (EIA).

Item 5: Per BIL section 40101(e)(2) (C) APPLICATION LIMITATIONS.—An eligible entity may not submit an application for a grant provided by the Secretary under subsection (c) and a grant provided by a State or Indian Tribe pursuant to subsection (d) during the same application cycle.

Therefore, is the eligible entity a Subaward/Subcontract recipient for an application submitted under IIJA Section 40101(d), ALRD 2736? If “YES”, please describe the differences between the GRIP FOA 2740 application [40101(c)] and the ALRD 2736 [40101(d)] applications in the box below:

_____ Yes

_____ No

N/A

TOPIC AREA 2 Specific

No items

TOPIC AREA 3 Specific

Item 6: Specify (mark with “X”) the entity type of the applicant organization:

_____ a State

_____ a combination of 2 or more States

_____ an Indian Tribe

_____ a unit of local government

_____ a public utility commission

If further description is needed for the specified entity type, please provide below:

N/A

Item 7:

Authorized Organizational Representative (AOR): please provide name, address, phone number and e- mail address for the authorized agent to bind the entity

Authorized Organizational Representative (AOR):

Name: Ron Critelli

Address: 15430 Endeavor Drive, Jupiter West, Florida 33478

Phone: 561-904-3473

E-mail: ron.critelli@fpl.com

Item 8: Signature of Authorized Organizational Representative (AOR)

ron.critelli@fpl.com

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